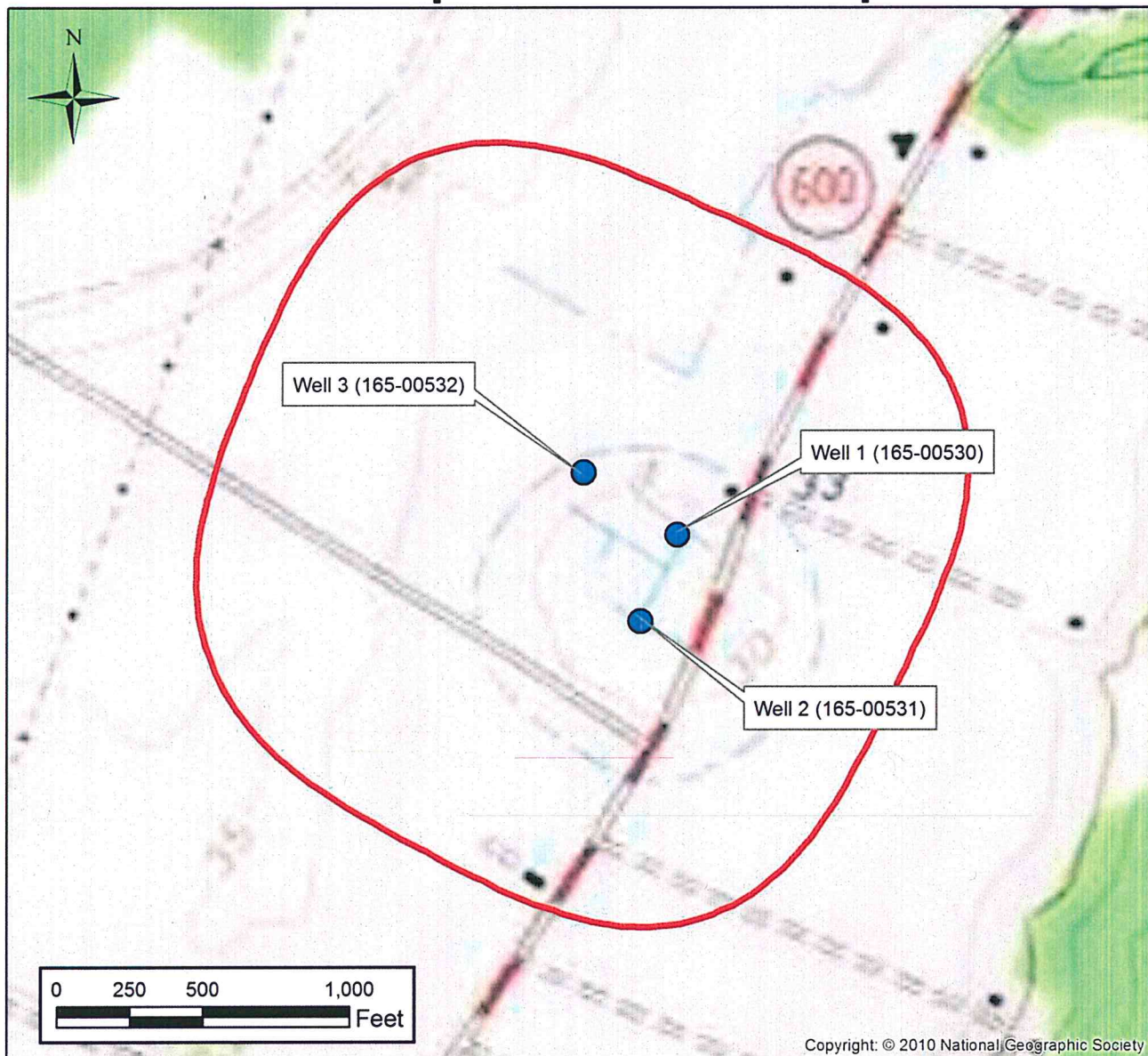


# Tipton Farm

## Area of Impact - Columbia Aquifer



### Columbia Aquifer Area of Impact

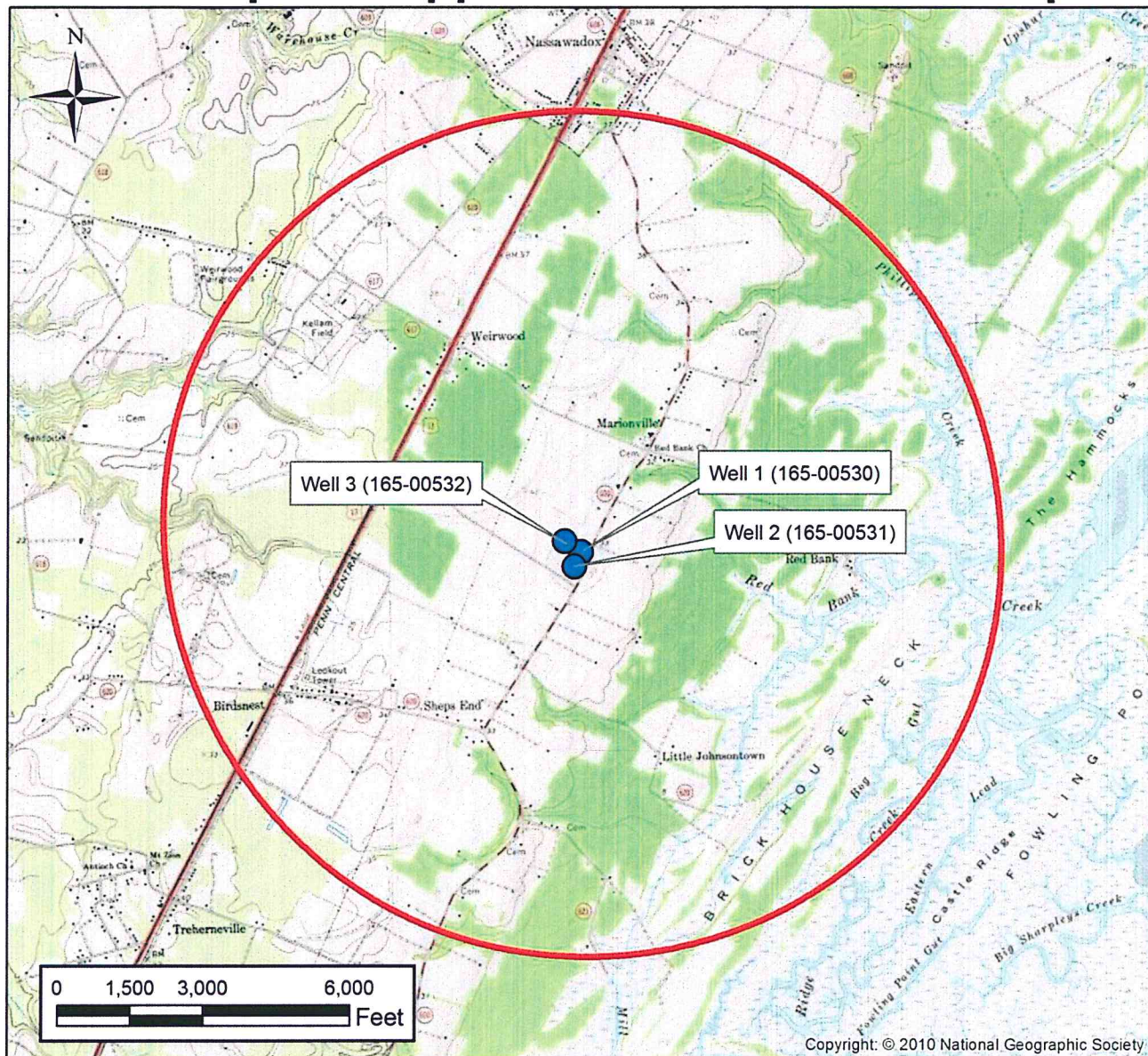
Simulated drawdown at or exceeding one foot in the Columbia aquifer resulting from a 10 year lump sum of 519,900,000 gallons simulated for 7 years at 69,800,000 gallons per year followed by 43 days at 22,400,000 gallons per month from the Columbia and Upper Yorktown-Eastover aquifer. Maximum radius of one-foot drawdown (Area of Impact) occurs 1,760 feet from the Tipton Farm Well 2 center.

Technical Evaluation performed by Aquaveo, LLC for the Virginia DEQ, Office of Surface and Ground Water Supply Planning April 1, 2013.



# Tipton Farm

## Area of Impact - Upper Yorktown-Eastover Aquifer



### ○ Upper Yorktown-Eastover Aquifer Area of Impact

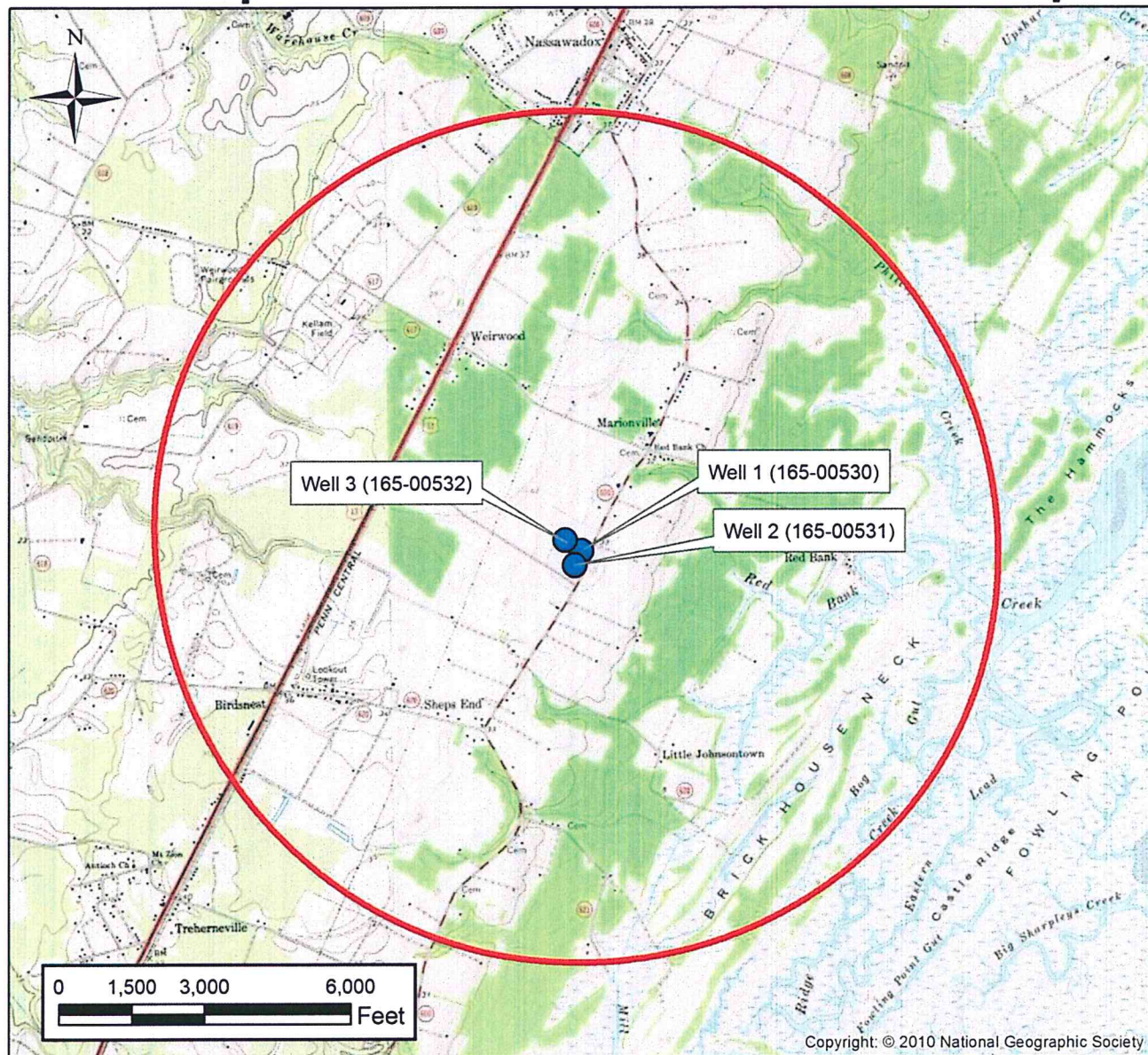
Simulated drawdown at or exceeding one foot in the Upper Yorktown-Eastover aquifer resulting from a 10 year lump sum of 519,900,000 gallons simulated for 7 years at 69,800,000 gallons per year followed by 43 days at 22,400,000 gallons per month from the Columbia and Upper Yorktown-Eastover aquifer. Maximum radius of one-foot drawdown (Area of Impact) occurs 8,810 feet from the Tipton Farm pumping center.

Technical Evaluation performed by Aquaveo, LLC for the Virginia DEQ, Office of Surface and Ground Water Supply Planning April 1, 2013.



# Tipton Farm

## Area of Impact - Middle Yorktown-Eastover Aquifer



 Middle Yorktown-Eastover Aquifer Area of Impact

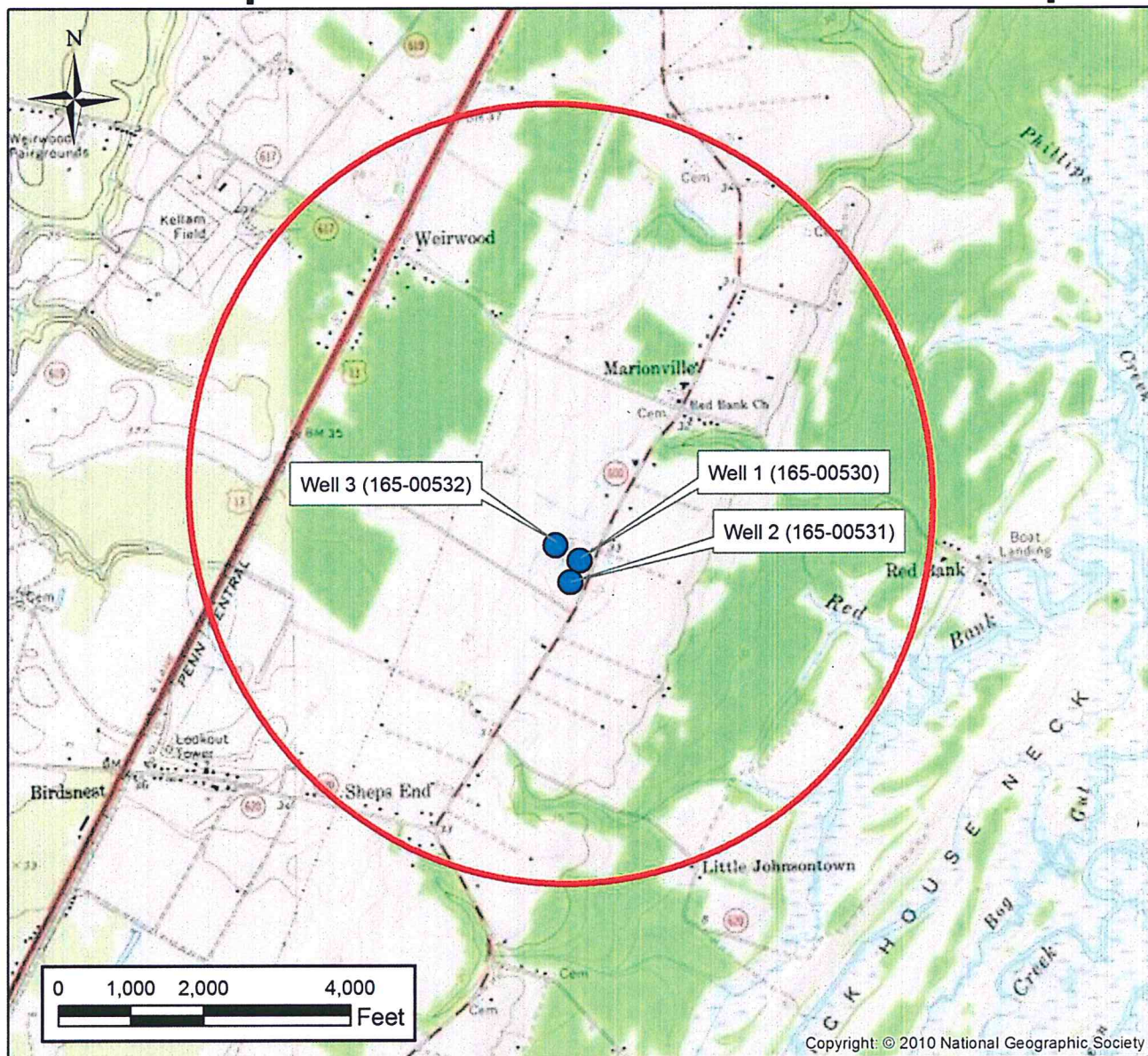
Simulated drawdown at or exceeding one foot in the Middle Yorktown-Eastover aquifer resulting from a 10 year lump sum of 519,900,000 gallons simulated for 7 years at 69,800,000 gallons per year followed by 43 days at 22,400,000 gallons per month from the Columbia and Upper Yorktown-Eastover aquifer. Maximum radius of one-foot drawdown (Area of Impact) occurs 8,790 feet from the Tipton Farm pumping center.

Technical Evaluation performed by Aquaveo, LLC for the Virginia DEQ, Office of Surface and Ground Water Supply Planning April 1, 2013.



# Tipton Farm

## Area of Impact - Lower Yorktown-Eastover Aquifer



### Lower Yorktown-Eastover Aquifer Area of Impact

Simulated drawdown at or exceeding one foot in the Lower Yorktown-Eastover aquifer resulting from a 10 year lump sum of 519,900,000 gallons simulated for 7 years at 69,800,000 gallons per year followed by 43 days at 22,400,000 gallons per month from the Columbia and Upper Yorktown-Eastover aquifer. Maximum radius of one-foot drawdown (Area of Impact) occurs 6,160 feet from the Tipton Farm pumping center.

Technical Evaluation performed by Aquaveo, LLC for the Virginia DEQ, Office of Surface and Ground Water Supply Planning April 1, 2013.

